

FORM  
5Rev  
02/08

## State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400256253

## DRILLING COMPLETION REPORT

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Completion Type ☒ Final completion ☐ Preliminary completion

1. OGCC Operator Number: 100322

4. Contact Name: EILEEN ROBERTS

2. Name of Operator: NOBLE ENERGY INC

Phone: (303) 2284330

3. Address: 1625 BROADWAY STE 2200

Fax: (303) 2284286

City: DENVER State: CO Zip: 80202

5. API Number 05-123-33851-00

6. County: WELD

7. Well Name: RHINO D

Well Number: 27-20D

8. Location: QtrQtr: NESW Section: 27 Township: 3N Range: 64W Meridian: 6

Footage at surface: Distance: 2590 feet Direction: FSL Distance: 2470 feet Direction: FWL

As Drilled Latitude: 40.196240 As Drilled Longitude: -104.538160

## GPS Data:

Date of Measurement: 09/16/2011 PDOP Reading: 3.7 GPS Instrument Operator's Name: Paul Tappy

\*\* If directional footage at Top of Prod. Zone Dist.: 2561 feet. Direction: FNL Dist.: 1311 feet. Direction: FWL  
Sec: 27 Twp: 3N Rng: 64W

\*\* If directional footage at Bottom Hole Dist.: 2579 feet. Direction: FNL Dist.: 1315 feet. Direction: FWL  
Sec: 27 Twp: 3N Rng: 64W

9. Field Name: WATTENBERG

10. Field Number: 90750

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 08/10/2011 13. Date TD: 08/13/2011 14. Date Casing Set or D&amp;A: 08/14/2011

## 15. Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

16. Total Depth MD 7341 TVD\*\* 7189 17 Plug Back Total Depth MD 7289 TVD\*\* 7137

18. Elevations GR 4866 KB 4879

One paper copy of all electric and mud logs must be submitted, along with one digital LAS copy as available.

## 19. List Electric Logs Run:

CBL/GRI/CL.

## 20. Casing, Liner and Cement:

## CASING

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
SURF	12+1/4	8+5/8	24.00	13	829	355	0	839	
1ST	7+7/8	4+1/2	11.60	13	7,331	590	1,920	7,331	CBL

## STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: _____					
Method used	String	Cementing tool setting/pref depth	Cement volume	Cement top	Cement bottom
Details of work: _____					

21. Formation log intervals and test zones:

<b>FORMATION LOG INTERVALS AND TEST ZONES</b>					
FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analyses must be submitted to COGCC)
	Top	Bottom	DST	Cored	
NIOBRARA	6,932		<input type="checkbox"/>	<input type="checkbox"/>	
FORT HAYS	7,178		<input type="checkbox"/>	<input type="checkbox"/>	
CODELL	7,202		<input type="checkbox"/>	<input type="checkbox"/>	

Comment: \_\_\_\_\_

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Eileen Roberts

Title: Regulatory Specialist Date: \_\_\_\_\_ Email: eroberts@nobleenergyinc.com

### **Attachment Check List**

Att Doc Num	Document Name	attached ?
<b><u>Attachment Checklist</u></b>		
400256262	CMT Summary *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
400256263	Directional Survey **	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	DST Analysis	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	Logs	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	Other	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<b><u>Other Attachments</u></b>		
400256264	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>

Total: 0 comment(s)